

ABSTRACT

A ~~PHOTOSENSITIVE~~ photo-sensitive element (10) for electro-optical sensors, ~~comprising~~ includes a photo-sensitive reception member (11), a current conversion circuit to convert the current generated by the photo-sensitive reception member (11) into a ~~tension~~ voltage signal, and an amplification and reading circuit. The current conversion circuit ~~comprises~~ includes a P-channel transistor (21) used as an ideal key and piloted with a ~~tension~~ voltage that can vary between a high feed ~~tension~~ voltage and a low feed ~~tension~~ voltage. The photo-sensitive element is taken to a reset state if the pilot ~~tension~~ voltage of the transistor (21) is low, and to an integration state if the pilot ~~tension~~ voltage is high.